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Scholar

Results 1 - 33 of 33 for **voice data over cable modem multiple links DOCSIS OR CMTS**. (0.12 seconds)

### Delivery of low bit rate isochronous streams over the DOCSIS 1.0 cable television protocol

P Tzerefos, V Sdralia, C Smythe, S Cvetkovic - IEEE Transactions on Broadcasting, 1999 - [ieeexplore.ieee.org](#)

... size were considered, suitable for compressed audio, **voice** and low ... is- sues of ATM

cell delivery over CATV and ... Once the HE receives the **data** it can relay in ...

Cited by 10 - [Web Search](#) - [dunelm.com](#) - [shef.ac.uk](#) - [ieeexplore.ieee.org](#)

### High-bandwidth interface for multimedia communications over fixed wireless systems

C Shirali, M Shahar, K Doucet - IEEE Multimedia, 2001 - [ieeexplore.ieee.org](#)

... DCD downstream channel descriptor **DOCSIS Data Over Cable** Service Interface ... ultrahigh

frequency VoIP **voice over** IP WCAI ... WMTS wireless **modem** termination system ...

Cited by 4 - [Web Search](#) - [portal.acm.org](#) - [csa.com](#) - all 5 versions »

### ... : A New, Real-Time Medium Access Control Protocol for Wireless WANs with Asymmetric Wireless Links

C Liu, Y Ge, M Fitz, J Hou, WP Chen, R Jain - 21 st IEEE International Conference on Distributed Computing ..., 2001 -

[doi.ieeeecomputersociety.org](#)

... have been designed either for **voice/data** traffic (PRMA, D ... cell usually has the overall

control over all the ... station to arbitrate the assignment of **data** slots on ...

Cited by 3 - [Web Search](#) - [doi.ieeeecs.org](#) - [ieeexplore.ieee.org](#) - [csa.com](#)

### Adapting the DOCSIS protocols for military point-to-multipoint wireless links

G Alessi, M Jensen, D Morgan, P Sholander, S ... - Proceedings of MILCOM 2000, 21 stCentury Military ..., 2000 -

[ieeexplore.ieee.org](#)

... of bursty IP and ATM **data** traffic, **voice** traffic, and ... For example, an RS block with

245 **data** symbols and ... The **DOCSIS** PMD specifies Reed-Solomon codes over GF(256 ...

Cited by 1 - [Web Search](#) - [ieeexplore.ieee.org](#)

### Cable modems—Broadband highway to the home

J Figueroa, B Guzek - Ericsson Review, 2001 - [ericsson.com](#)

... **Voice**, streaming video, and gaming services use the ... The **CMTS** has control over the

allocation of ... latency-sensitive and latency-insensitive **data**), and processing ...

Cited by 2 - [Web Search](#) - [cnscenter.future.co.kr](#) - [securitytechnet.com](#)

### Data rides high on high-speed remote access

S Dixit - IEEE Communications Magazine, 1999 - [ieeexplore.ieee.org](#)

... generally interface with either a backbone **voice** or **data** ... a member of the HDLC family

of **data** link protocols ... ATM-BASED TRANSPORT OVER ADSL In ATM-based transport ...

Cited by 5 - [Web Search](#) - [ieeexplore.ieee.org](#) - [csa.com](#)

### Cable TV technology for local access

ST Jewell, JJ Patmore, KD Stalley, R Mudhar - BT Technology Journal, 1998 - [springerlink.com](#)

... Frustration over continuing delays in IEEE802.14 being finalised ... **cable** modems for

video streaming (MPEG), **voice** (IP) telephony ... 5.3 The IEEE802.14 **data** standard ...

Cited by 2 - [Web Search](#) - [kluweronline.com](#) - [portal.acm.org](#)

### Broadband Access Networks and the Emergence of Voice over IP (VoIP): an Economic Analysis for Cable

D Fryxell, S Lanning, M Sirbu - 1999 - [ini.cmu.edu](#)

... followed by IP handsets that directly send packets over a premise **data** network ... provides

the extra processing functionality required for processing **voice** calls ...

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Cable

CAND DATA, A CARRYING, TV TRAFFIC - IEEE sPEcTRuM, 1999 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... In fact, the **Data Over Cable** Service Interface Specifica- tions ... at most four indepe-  
ident IP **voice** channels through a single **cable modem**, in contrast ...  
[Web Search](#)

### Power Considerations for **Cable** Telephony Networks

MJ Model, VJ Thottuvell - Telecommunications Energy Conference, 2000. INTELEC. Twenty- ..., 2000 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... MTA "packetizes" the user's **voice** and call ... Required to Provide High-speed **Data** Services  
Via ... and Protocols for Implementing IP Based Telephony **Over Cable**. ...  
[Web Search](#) - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

### Information Technologies for Substation Automation Applications

D Proudfoot - Transmission and Distribution Conference and Exposition, ..., 2001 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... Besides **voice** and **data**, UMTS will deliver audio and video to wireless devices anywhere  
in the world through fixed, wireless and ... **Over** the air **data** rates of ...  
[Cited by 1](#) - [Web Search](#) - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

### The AT&T Labs Broadband Fixed Wireless Field Experiment

BF Wireless, PAU MMDS - IEEE Communications Magazine, 1999 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... The principal use of the fixed wireless packet **data** system is ... The packetized **voice**  
is sent as IP packets to another client device ... **Over** a period of several days ...  
[Web Search](#) - [research.att.com](http://research.att.com) - [akpublic.research.att.com](http://akpublic.research.att.com) - [research.att.com](http://research.att.com) - [all 7 versions](#) »

### Broadband satellite access for interactive multimedia services

T Le-Ngoc, T Elshabrawy - Space Communications, 2001 - [iospress.metapress.com](http://iospress.metapress.com)  
... wireless system designed to deliver **data**, **voice** and video ... Interactive multimedia  
services **over** broadband sa- tellite ... allowed to transmit their **data** packets to ...  
[Cited by 2](#) - [Web Search](#) - [ingentaconnect.com](http://ingentaconnect.com) - [csa.com](http://csa.com)

### Bridging Core and Edge Networks for Residential Subscribers

ATM Multiservice - IEEE Communications Magazine, 2000 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... provide full **data** service as well as **voice** service **over** ... Other **data** networks can be  
supported under the same ... To provide IP service, an IP **over** ATM architecture ...  
[Web Search](#) - [hit.bme.hu](http://hit.bme.hu) - [comsoc.org](http://comsoc.org)

### Common management architecture for third generation wireless networks

A Rayes, C Syst, CA San Jose - WCNC, 2000 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... a standard **cable modem** protocol known as **Data Over Cable** Service Interface ... Bulk **data**  
transfers (telemetry applications) Priority **Voice Over** IP (VoIP) ...  
[Cited by 1](#) - [Web Search](#) - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

### Broadband Wireless Local Loop Evaluation via an Active TCP Connection Monitoring Methodology

H Sitaraman, JM Davis, JB Evans - CONF LOCAL COMPUT NETWORKS. pp. 594-603. 2001, 2001 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... provision of diverse services such as **data**, **voice** and video ... zlib is a free lossless  
**data** compression library ... the stability of the connections **over** the wireless ...  
[Web Search](#) - [doi.ieeeecs.org](http://doi.ieeeecs.org) - [doi.ieeeecomputersociety.org](http://doi.ieeeecomputersociety.org) - [portal.acm.org](http://portal.acm.org) - [all 6 versions](#) »

### Technology Developments for Quality Multimedia Delivery for Residences: Coupling of the broadband ...

A Ganz - The Computer Science and Telecommunications Board of the ..., 2000 - [info.iet.unipi.it](http://info.iet.unipi.it)  
... can share applications, move files, and backup **data**. ... for allowing telephone line  
quality **voice over** IP is ... and HomePNA 2.0 propose solutions for **voice** and video ...  
[Cited by 2](#) - [View as HTML](#) - [Web Search](#) - [nationalacademies.org](http://nationalacademies.org) - [ipcf.org](http://ipcf.org)

### Parallel concatenated convolutional coding for an LMDS system with multimedia services

JY Kim - IEEE Transactions on Broadcasting, 2000 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... digital subscriber line) or **data-over-cable** TV Coax ... business service typically includes  
**voice** (telephone POTS ... equipment using a standard **data** interface such ...  
[Web Search](#) - [sce.carleton.ca](http://sce.carleton.ca) - [ieeexplore.ieee.org](http://ieeexplore.ieee.org) - [csa.com](http://csa.com)

### Delivery of digital video and other multimedia services(< 1 Gb/s bandwidth) in passband above the ...

N Chand, PD Magill, SV Swaminathan, TH Daugherty - Journal of Lightwave Technology, 1999 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
... media all **over** the world. ... If necessary, they can deliver limited digital video

as a baseband signal, time-multiplexed with **voice** and **data**. ...

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### ... Using Congestion Coherence, Faster Congestion Feedback, Media Access Control and AAL2 Voice ...

C Liu - 2001 - [cse.wustl.edu](#)

... The error correction code is appended to the original packet and transmitted **over** the wireless media. ... **Voice** packets from different ... In wired networks, **data** are ...

[View as HTML](#) - [Web Search](#) - [cis.ohio-state.edu](#) - [cse.ohio-state.edu](#)

### Cable television broadband network architectures

G Donaldson, D Jones - IEEE Communications Magazine, 2001 - [ieeexplore.ieee.org](#)

... ha nd video transmission (analog and digital) and IP **data** t raiisii ... to cover large distances, often well **over** 10 mi ... When tlic trunk is made of co;ixial **cable**. ...

[Cited by 6](#) - [Web Search](#) - [ieeexplore.ieee.org](#) - [csa.com](#)

### A Feedback-Based Scheme for Improving TCP Performance in Ad Hoc Wireless Networks

R Work - IEEE Personal Communications, 2001 - [ieeexplore.ieee.org](#)

... ment of QoS features to support high-quality **voice** and video on **cable modem** networks. ... team, on which most currently deployed **data over cable** net- works ...

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### Australia's Broadband Future—A study on the Current State of Broadband in Australia

T Plummer - 2001 - [spingo.net](#)

... Since ADSL uses much higher frequencies than those used for **voice** communication, both **data** and **voice** can be sent **over** the same line. ...

[View as HTML](#) - [Web Search](#)

### [book] Computer Networks

AS Tanenbaum, AS Tanenbaum - 1996 - [books.google.com](#)

... on wireless LANs, broadband wireless, Bluetooth, and **data** link layer ... MP3, streaming audio, Internet radio, and **voice over IP** ... **Over** 200 of these are to papers and ...

[Cited by 3581](#) - [Web Search](#) - [cs.aue.auc.dk](#) - [cse.iitb.ac.in](#) - [ifi.uio.no](#) - [all 14 versions](#) »

### Broadband wireless, integrated services, and their application to intelligent transportation systems

K Biesecker - 2000 - [itsdocs.fhwa.dot.gov](#)

... **Multiple** Traffic Types **over** a Single ... Center-Roadside or Center-Vehicle (transportable) communications, it would involve similar **voice**, **data**, and video ...

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### Broadband Wireless: The Worldwide Assessment

MA Helgeson - Institutional Research, DAIN RAUSCHER WESSELS, 1 May, 2001 - [tamfish.com](#)

... **Voice** capacity is further compounded by the ... and 3G wireless, which will improve **data** transmission, including Internet traffic **over** wireless networks ...

[View as HTML](#) - [Web Search](#) - [sims.berkeley.edu](#)

### The Wireless Art and the Wired Force of Subscriber Access

K Technologies - IEEE Communications Magazine, 2001 - [ieeexplore.ieee.org](#)

... to support any kind of future applications (**voice**, **data**, video, etc ... the ones able to deliver broadband **data** [6]. Whereas ... It is possible to transmit **over** 2 Gb/s ...

[Web Search](#) - [ece.utexas.edu](#) - [lib.pku.edu.cn](#)

### The Wireless Art and the Wired Force of Subscriber Access

KEYT OF - IEEE Communications Magazine, 2001 - [ieeexplore.ieee.org](#)

... against wireless local loops, communi- cations **over** ubiquitous power ... States with the case of **cable** modems (CATV ... The transmitted **data** is symbol duration parallel ...

[Web Search](#)

### Solutions for Distribution and Network Independence

MM Clougherty, DE Crowe, KW Javitt, FC Kemmerer, J ... - Bell Labs Technical Journal, 1999 - [doi.wiley.com](#)

... is transported toward the ATM backbone **over** an ATM DS3 ... **cable** TV, digital broadband, and **voice** services to ... providers must use this economic **data**, together with ...

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### [PS] Quality of service issues in Hybrid Fiber-Coax networks

MD Corner - 1998 - [cs.virginia.edu](http://cs.virginia.edu)

... system is designed for the transmission of the human **voice**, which is ... 802.14 MAC must support a high level of QoS to deliver **data** ... Trac Control **over** HFC Networks ...

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### Rigorous Review, Tedious Testing, and Disciplined Debug

T Testing - IEEE Instrumentation & Measurement Magazine, 2001 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... 5. Human error Possible compounding into **multiple** errors ... target tracks were first sent **over** telephone landlines ... Inmarsat satellite **links** that sent **data** to the ...

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### Understanding Network Processors

N Shah - Master's thesis, University of California, Berkeley, Sep, 2001 - [cs.ucsd.edu](http://cs.ucsd.edu)

... hungry and computationally intensive applications, like **Voice over IP** (VoIP ... this, AAL5 defines its own Packet **Data** Unit (PDU ... 6. The protocol stack for IP **over** ATM ...

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### [BOOK] MPLS and VPN Architectures

J Guichard, I Pepelnjak, J Apcar - 2001 - [books.google.com](http://books.google.com)

... IPsec **over** MPLS 264 ... MPLS **Data** Plane Troubleshooting 437 Monitoring Interface-Level CEF 437 Oversized ... access technologies such as dial, DSL, and **cable** into an ...

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